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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/746,508	12/26/2000	Robert H. Willis	BS99-184	9790

7590 10/28/2004  
WITHERS & KEYS LLC  
P.O. BOX 71355  
MARIETTA, GA 30007-1355

EXAMINER

KRAMER, JAMES A

ART UNIT PAPER NUMBER

3627

DATE MAILED: 10/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/746,508

Applicant(s)

WILLIS ET AL.

Examiner

James A. Kramer

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 02 August 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 2,4,5,7,10,11 and 19-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 2,4,5,7,10,11 and 19-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 2, 4, 5, 7, 10, 11, and 19-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Pruett et al.

Pruett et al. teaches a combination system for provisioning and maintaining telephonic network facilities in a public switched telephone network. Pruett et al. specifically teaches a Caseworker obtaining a description of a customer trouble (column 40; lines 47-49). With this information the Casework builds a trouble report profile which is forwarded to Dispatch (column 42; lines 51-53) where a technician is sent. Examiner notes that this relates to applicant's receiving reports or malfunctions and dispatching technicians in response to the reports.

Pruett et al. further teaches that the field technician determines any related trouble reports stored in Dispatch. The field technician closes out the Trouble Report by entering the trouble found, work done and cause descriptions (column 43; lines 41-45). Examiner notes that this represents receiving, via a communications network, information sent by the technician upon diagnosing a malfunction at a first subscriber location, wherein the information is provided in an electronic format, and identifies a cause of the malfunction underlying one of the reports of malfunction sent from the vicinity of the first subscriber location.

Pruett et al. further teaches that the reactive maintenance system is able to collate and group related reactive and proactive troubles, as well as determine whether technicians are currently working on a recently reported reactive trouble (e.g. column 53; lines 12-15). This has the additional benefit of allowing caseworkers to determine that a trouble from a customer is

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already being worked (e.g. column 40; lines 62-67). Examiner notes that this relates to determining, by the dispatch division (Caseworker) and based upon information sent by the technician upon diagnosing the malfunction at the first subscriber location, that a cause underlying another report, received from a location different from the first subscriber location is the same cause as the first location.

Pruett et al. also teaches information recorded by the caseworker or the field technician is automatically sent to other systems as needed. For example time and materials charges are sent to a billing function. Examiner notes that this relates to utilizing information (time and material charges) to generate a bill to the entity that includes costs incurred for servicing the at least first subscriber.

### ***Response to Arguments***

Applicant's arguments with respect to claims 2,4,5,7,10,11, and 19-24 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James A. Kramer whose telephone number is (703) 305-5241. The examiner can normally be reached on Monday - Friday (8AM - 5PM).


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Chilcot can be reached on (703) 305-4716. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

James A. Kramer  
Examiner  
Art Unit 3627

jak

  
Richard Chilcot  
~~Supervisory~~ Patent Examiner  
Technology Center 2000  
3600